Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A color matching server ~~which is connected for two-way communications to a client to convert~~ for converting color data based on ~~prescribed~~ color matching information that permits reproduction of prescribed standard colors ~~and which creates said color matching information and sends it to said client~~, wherein said color matching server can communicate with a client, and wherein said color matching server ~~comprising~~ comprises:

a means to acquire ~~the~~ from said client data relating to actual colors printed by a printer associated with said client ~~which is sent from said client~~,

a means to create said color matching information based on ~~the thus acquired~~ said data relating to actual colors printed and ~~the~~ data ~~of~~ relating to said prescribed standard colors that effectively describes said prescribed standard colors, and

a means to ~~output~~ send the ~~thus created~~ color matching information to said client, thereby allowing said client to use said color matching information to convert said color data to said prescribed standard colors.

2. (Currently Amended) A color matching client for converting color data to prescribed standard colors, ~~which is connected for two-way communications to a color matching server to create and send color matching information that permits reproduction of prescribed standard colors and which converts color data based on said color matching information~~, said client comprising:

a means to send to ~~said~~ a server ~~the~~ data of actual colors printed by a printer associated with said client in the environment of said client,

a means to acquire ~~said~~ color matching information for said actual colors from said server, wherein said color matching information permits reproduction of prescribed standard colors and is determined based on said data relating to actual colors printed and data relating to said prescribed standard colors that effectively describes said

prescribed standard colors, thereby allowing said client to use said color matching information to convert said color data to said prescribed standard colors, and

a means to convert ~~said~~ color data based on said color matching information to said prescribed standard colors.

3. (Original) A print control server which is connected for two-way communications to a print control client to perform conversion based on prescribed color matching information that permits reproduction of prescribed standard colors at the time of conversion into color data corresponding to a plurality of printing colorants upon input of print data and which creates said color matching information based on data measured by said print control client and sends it to said print control client, said server comprising:

a measured data acquiring means to acquire the measured data of the image for colorimetry having a plurality of tones for each of said printing colorants which is printed by said print control client,

a color matching information creating means to create said color matching information based on the measured data of the image for colorimetry for said individual printing colorants and the measured data of said standard colors corresponding to the printing colorants which have previously been acquired, and

a color matching information output means to output the color matching information created by the color matching creating means to said print control client.

4. (Currently Amended) A print control client which is connected for two-way communications to a print control server to perform conversion of color data based on color matching information that permits reproduction of prescribed standard colors at the time of conversion into color data corresponding to a plurality of printing colorants upon input of print data, said client comprising:

a colorimetry image print control means to control the printing of images for colorimetry with a plurality of ~~tone~~ tones for each of said printing colorants to determine measured data,

a data sending means to receive ~~the~~ as input [[of]] the measured data of the ~~color measuring image~~ images and sends it to said print control server,

a matching color information acquisition means to acquire said color matching information from said print control server, and

a means to convert said print data into said color data based on said color matching information.

5. (Original) A print control server as defined in Claim 3, wherein the measured data of said print control client is lightness data of the image for colorimetry with a plurality of tones for each of said printing colorants.

6. (Original) A print control client as defined in Claim 4, wherein the measured data of said image for colorimetry is lightness data and said data sending means receives the input of the lightness data of the image for colorimetry and sends it to said print control server.

7. (Original) A print control system which is composed of a print control client to perform conversion based on prescribed color matching information that permits reproduction of prescribed standard colors at the time of printing using color data at the time of conversion into color data corresponding to a plurality of printing colorants upon input of print data and a print control server which is connected for two-way communications to the print control client and which creates said color matching information and sends it to said print control client,
said print control client comprising:

a colorimetry image print control means to perform control to print colorimetry images with a plurality of tones for each of said printing colorants,

a lightness data sending means to receive the input of the lightness data of said colorimetry image and send it to said print control server, and

a color matching information acquisition means to acquire said color matching information from said print control server,
said print control server comprising:

a standard color lightness data storing region in which is stored the lightness data of said standard color,

a lightness data acquisition means to acquire the lightness data of the colorimetry image for each of said printing colorants which is printed by said print control client,

a color matching information creating means to create said color matching information based on the lightness data of the colorimetry image for each of said

printing colorants and the lightness data of said standard colors corresponding to the printing colorants, and

a color matching information output means to output to said print control client the color matching information created by the color matching information creating means,

said print control client:

prints said colorimetry image for each of the printing colorants by said colorimetry image print control means, receives the input of the lightness data of said colorimetry image by said lightness data sending means, and sends it to said print control means, and

said print control server:

receives the lightness data from said print control client by said lightness data acquisition means, creates the color matching information by said color matching information creating means based on the lightness data and said lightness data stored in said standard color lightness data storing region, and sends the thus created color matching information to said print control means by said color matching information output means,

said print control client:

acquires said color matching information from said print control server by said color matching information acquisition means, and converts said print data into said color data based on the color matching information.

8. (Original) A print control system as defined in Claim 7, wherein said print control client has an image data sending means to acquire image data from an image capturing equipment to capture image data of an image for colorimetry and send it to said print control server, and said lightness data acquisition means converts the image data entered from said print control client into the lightness data, thereby acquiring the lightness data of said image for colorimetry.

9. (Original) A print control system as defined in Claim 8, wherein said image capturing equipment is a scanner.

10. (Original) A print control system as defined in Claim 7, wherein said color matching information is a tone value correction table which makes the tone value of the color data

converted from said print data correspond to the tone value for color reproduction to match said standard color with printing colorants corresponding to said color data.

11. (Original) A print control system as defined in Claim 7, wherein said color matching information is provided in the form of color conversion table in which the relation between input and output is corrected.

12. (Original) A print control system as defined in Claim 7, wherein said print control client is constructed of a first and second print control clients,

said first print control client comprising a standard color lightness data sending means to receive the input of the lightness data of said standard colors and sends to said print control server the lightness data of standard colors which has been entered,

said print control server comprising a standard color lightness data storing means to store in said standard color lightness data storing region the lightness data of said standard colors which is entered from said first print control client,

said color matching information output means outputs to said second print control client said color matching information which has been created based on the lightness data of said standard colors entered from said first print control client.

13. (Original) A print control system as defined in Claim 12, wherein the standard color lightness data storing means of said print control server is capable of storing said lightness data entered from a plurality of said first print control clients for the first print control clients individually, said print control server has a list outputting means to create a list of the first print control clients which entered the lightness data and outputs it to said second print control clients,

said second print control clients has a select input receiving means to make one select specific first print control clients based on the list output from said list output means, and a select result output means to sends the first print control client selected and input to said print control server,

said color matching information creating means specifies the lightness data of said standard colors based on said selected and input first print control client which has been sent from said select result output means, thereby creating said color matching information corresponding to the lightness data of said second print control client, and

said color matching information output means outputs said color matching information to said second print control clients.

14. (Original) A print control system as defined in Claim 7, wherein said print control client has an identification information sending means which acquires the identification information of the equipment which reproduces colors with said printing colorants and sends it to said print control server, and said color matching information creating means creates said color matching information based on the lightness data of said standard colors corresponding to the identification information entered from said print control client.

15. (Original) A print control method to be carried out by a print control server which is connected for two-way communications to a print control client to perform conversion based on prescribed color matching information that permits reproduction of prescribed standard colors at the time of conversion into color data corresponding to a plurality of printing colorants upon input of print data and which creates said color matching information based on data measured by said print control client and sends it to said print control client, said method comprising:

a measured data acquisition step to acquire measured data of colorimetry images with tones for individual printing colorants which are printed by said print control client,

a color matching information creating step to create said color matching information based on the measured data of colorimetry image for each of said printing colorants and the measured data of said standard colors corresponding to said printing colorants which have previously been obtained, and

a color matching information output step to output the color matching information created by the color matching information creating step to said print control client.

16. (Currently Amended) A computer readable medium storing therein a print control computer program code ~~which makes the computer to serve as~~ for a print control server which is connected for two-way communications to a print control client to perform conversion based on prescribed color matching information that permits reproduction of prescribed standard colors at the time of conversion into color data corresponding to a plurality of printing colorants upon input of print data and which creates said color

matching information based on data measured by said print control client and sends it to said print control client, said computer readable medium comprising:

computer program code for a measured data acquisition function to acquire measured data of colorimetry images with tones for individual printing colorants which are printed by said print control client,

computer program code for a color matching information creating function to create said color matching information based on the measured data of colorimetry image for each of said printing colorants and the measured data of said standard colors corresponding to said printing colorants which have previously been obtained, and

computer program code for a color matching information output function to output the color matching information created by the color matching information creating step to said print control client.

17. (Original) A profile providing server which comprises:

a communicating means capable of transmission and reception of data through a communication line,

a read color data acquisition means to acquire through said communication line the read color data obtained by reading with a prescribed image input device the color charts printed by a specific printing device based on prescribed print color data,

a color character description data acquisition means to acquire through a prescribed interface the color character description data to match the print color data of the image input device with the prescribed standard color space coordinate values,

a profile data creating means to create the profile data defining correspondence between the printed color data and the prescribed standard color space coordinate values by matching the read color data with the standard color space coordinate value with reference to the color character description data, and

a profile data output means to output through the communication line the thus created profile data.

18. (Original) A profile demanding client to connect and control a printing device and an image input device and to demand a profile of the printing device for an external server, which comprises:

a color chart print demand receiving means to receive a demand to print a prescribed color chart by said printing device,

a printing control means to control print execution by said printing device based on a prescribed printing color data in compliance with the printing demand from said color chart print demand receiving means,

a color chart reading demand receiving means to receive a demand to read by said image input device the color chart printed according to control from said print control means,

an image input device control means to control said image input device in compliance with the read demand from said color chart read demand receiving means and acquires the read color data of said color chart,

a color character description data acquisition means to control said image input device and acquire the color character description data previously stored in said image input device, said data matching the read color data with the prescribed standard color space coordinate value and being measured for the individual input image devices,

a communication means capable of transmission and reception of data through a communication line,

a data output means to output said printing color data, said read color data, and said color character description data through said communication means, and

a profile data acquisition means to acquire the profile data of the printing device through said communication means.

19. (Original) A color matching server to create color matching information for reproduction of the prescribed standard colors, which comprises creating color matching information based on the data relating to actual colors and the data of standard colors.

20. (Original) A color matching server to create color matching information for reproduction of the prescribed standard colors, which comprises creating color matching information based on the data relating to actual colors output by a printing device other than standard machines and the data of standard colors output by a printing device which is the standard machine.

21. (Original) A color matching server as defined in Claim 19, wherein the data of standard colors is lightness data.

22. (Original) A color matching server as defined in Claim 20, wherein the data of standard colors is lightness data.

23. (New) A computing system for allowing color data to be converted into a predetermined or desired set of colors in order to print colors that match the colors of said predetermined or desired set of colors, wherein said computing system is operable to:

receive color output data relating to actual colors printed by a printer associated with another computing system; and

determine, based on said color output data and data that effectively describes the predetermined or desired set of colors, color matching information that can be used by said other computing system to convert said color data into said set of predetermined or desired colors, thereby determining color matching information that can be used to convert said color data into said predetermined or desired set of colors in order to print colors that match the colors of said predetermined or desired set of colors.

24. (New) A computing system as recited in claim 23,

wherein said computing system acts as a server to said other computing system, and said other computing system acts as a client to said server; and

wherein said computing system is further operable to send the color matching information to said other computing system, thereby allowing said other computing system to use said color matching information to convert said color data into said predetermined or desired set of colors and print colors that match the colors of said predetermined or desired set of colors.

25. (New) A computing system for converting color data into a predetermined or desired set of colors, wherein said computing system is operable to:

determine or receive color output data relating to actual colors printed by a printer associated with said computing system;

receive or determine color matching information that can be used by said computing system to convert said color data into said set of predetermined or desired colors, wherein said color matching information is determined based on said color output data and data that effectively describes the predetermined or desired set of colors; and

convert said color data into said set of predetermined or desired colors, thereby printing colors that match the colors of said predetermined or desired set of colors.

26. (New) A computer-implemented method for converting color data into a predetermined or desired set of colors, said method comprising:

receiving color output data relating to actual colors printed by a printer associated with a computing system; and

determining, based on said color output data and data that effectively describes the predetermined or desired set of colors, color matching information that can be used by said computing system to convert said color data into said set of predetermined or desired colors.

27. (New) A computer-implemented method as recited in claim 26, wherein said method further comprises:

sending said color matching information to said computing system, thereby allowing said computing system to print colors that match the colors of said predetermined or desired set of colors.

28. (New) A computer-implemented method for converting color data into a predetermined or desired set of colors, said method comprising:

determining or receiving color output data relating to actual colors printed by a printer associated with a computing system;

receive or determine color matching information that can be used by said computing system to convert said color data into said set of predetermined or desired colors, wherein said color matching information is determined based on said color output data and data that effectively describes the predetermined or desired set of colors; and

convert said color data into said set of predetermined or desired colors, thereby printing colors that match the colors of said predetermined or desired set of colors.